

# Analyzing Yield Monitor Data to Help Farmers Make Management Decisions. (A09-murrell162314-Poster)

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## Abstract:

Farmers and their advisers want to extract full value from the yield monitor data they collect. A useful analysis involves finding which areas of the field have been consistently profitable over time. This was accomplished in geographic information system (GIS) software. Enterprise costs and gross revenue were input and net returns calculated. Areas with a positive net return in a given year were assigned a value of 1. Those with 0 or negative net returns were assigned a value of 0. Adding these assigned values over time provided a map showing how many of the past years considered had been profitable in various areas of the field. Such a map provides farmers with information needed to improve management strategies.

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